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PTO/SB/21 (02-04)

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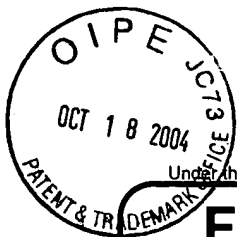
| | | | |
|---|----------------------|------------------------|--------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10 / 798,590 | |
| | Filing Date | 03-11-2004 | |
| | First Named Inventor | Bing Wang | |
| | Art Unit | 1772 | |
| | Examiner Name | | |
| Total Number of Pages in This Submission | 61 | Attorney Docket Number | DA-005-US-02 |

| ENCLOSURES (Check all that apply) | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | - Postcard |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | - Transmittal Of IDS Under 37 CFR 1.97(b) |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks | - IDS References (4) |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
| Firm or Individual name | H.B. Fuller Company Allison A. Johnson, Registration 36,173 | |
| Signature | <i>Allison A. Johnson</i> | |
| Date | <i>October 14, 2004</i> | |

| CERTIFICATE OF TRANSMISSION/MAILING | | |
|---|---------------------|------------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | |
| Typed or printed name | <i>LeeAnn Molin</i> | |
| Signature | <i>LeeAnn Molin</i> | Date <i>10/14/2004</i> |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

| | |
|----------------------|--------------|
| Application Number | 10 / 798,590 |
| Filing Date | 03-11-2004 |
| First Named Inventor | Bing Wang |
| Examiner Name | |
| Art Unit | 1772 |
| Attorney Docket No. | DA-005-US-02 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 06-2241
Deposit Account Name:

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | (\$) 0.00 | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | | Fee from below | | Fee Paid |
|--------------------|----------------------|--------------|----------------------|----------------|----------------------|----------------------|
| Total Claims | <input type="text"/> | -20** = | <input type="text"/> | X | <input type="text"/> | <input type="text"/> |
| Independent Claims | <input type="text"/> | - 3** = | <input type="text"/> | X | <input type="text"/> | <input type="text"/> |
| Multiple Dependent | | | | | <input type="text"/> | <input type="text"/> |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

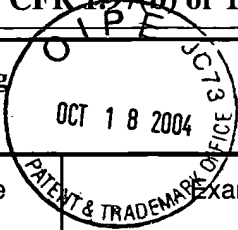
(Complete (if applicable))

| | | | | | |
|-------------------|---------------------------|-----------------------------------|----------|-----------|--------------|
| Name (Print/Type) | Allison A. Johnson | Registration No. (Attorney/Agent) | 36,173 | Telephone | 612.925.8371 |
| Signature | <i>Allison A. Johnson</i> | Date | 10/14/04 | | |

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**(Under 37 CFR 1.97(b) or 1.97(c))**Docket No.
DA-005-US-02In Re Application Of: **Bing Wang**

Application No.

10 / 798,590

Filing Date

03-11-2004

Examiner

Customer No.

Group Art Unit

1772

Confirmation No.

Title:

Low-Temperature Press Process For Making Insulating Glass Assemblies

Address to:

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450****37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.


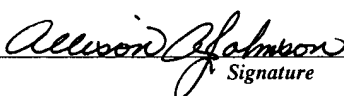
37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

- ☐ the statement specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p).

| | | | | | | |
|---|-------------|----------|--------------|--|-----------------------------------|--|
| TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c)) | | | | | Docket No. DA-005-US-02 | |
| In Re Application: Bing Wang | | | | | | |
| Application No. | Filing Date | Examiner | Customer No. | Group Art Unit | Confirmation No. | |
| 10 / 798,590 | 03-11-2004 | | | 1772 | | |
| Title: Low-Temperature Press Process For Making Insulating Glass Assemblies | | | | | | |
| Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) | | | | | | |
| <input type="checkbox"/> A check in the amount of _____ is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 06-2241 as described below. | | | | | | |
| <input type="checkbox"/> Charge the amount of _____ <input checked="" type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional fee required. | | | | | | |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. | | | | | | |
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| I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____) | | | | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on | | |
| _____ (Date) | | | | <u>10/14/2004</u> (Date) | | |
| _____ Signature | | | |  Signature of Person Mailing Correspondence | | |
| _____ Typed or Printed Name of Person Signing Certificate | | | | Lee An Molin Typed or Printed Name of Person Mailing Certificate | | |
| *This certificate may only be used if paying by deposit account. | | | | | | |
|  Signature | | | | Dated: <u>October 14, 2004</u> | | |
| Allison A. Johnson, Registration 36,173 H.B. Fuller Company 1200 Willow Lake Boulevard P.O. Box 64683 Saint Paul, MN 55164 - 0683 Telephone: 612.925.8371 | | | | | | |
| CC: | | | | | | |



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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

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|--------------------|--------------|
| Application Number | 10 / 798.590 |
|--------------------|--------------|

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| Filing Date | 03-11-2004 |
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|----------------------|-----------|
| First Named Inventor | Bing Wang |
|----------------------|-----------|

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|----------|------|
| Art Unit | 1772 |
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Examiner Name

| | |
|------------------------|--------------|
| Attorney Docket Number | DA-005-US-02 |
|------------------------|--------------|

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

[illegible]

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ ~ Number ⁴ ~ Kind Code ⁵ (if known) | MM-DD-YYYY | | | |
| | | WO 91 / 06580 | 05-16-1991 | Swift Adhesives Limited | | ✓ |
| | | JP 1-163255 | 06-27-1989 | Kanegafuchi Chemical Industry Co. | | ✓ |
| | | JP 4-159371 | 06-02-1992 | Kanegafuchi Chemical Industry | | ✓ |
| | | JP 5-179217 | 07-20-1993 | Sumitomo Denki Kogyo K.K. | | ✓ |
| | | | | | | |
| | | | | | | |

Examiner
Signature

| | |
|-----------------|--|
| Date Considered | |
|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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